

SCORE Search Results Details for Application 10552515 and Search Result 20090316_112516_us-10-552-515-10.ra1.

| | | | | |
|----------------------------|--------------------------------------|------------------------------|-----------------------|-----------------------------|
| Score Home | Retrieve Application | SCORE System | SCORE | Comments / |
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This page gives you Search Results detail for the Application 10552515 and Search Result 20090316_112516_us-10-552-515-10.ra1.

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OM protein - protein search, using sw model

Run on: March 17, 2009, 05:01:40 ; Search time 2 Seconds
(without alignments)
1258.128 Million cell updates/sec

Title: US-10-552-515-10
Perfect score: 44
Sequence: 1 KIYVSLAHV 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1316349 seqs, 215321474 residues

Total number of hits satisfying chosen parameters: 1316349

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /ABSS/Data/CRF/ptodata/1/iaa/5_COMB.pep:*
2: /ABSS/Data/CRF/ptodata/1/iaa/6_COMB.pep:*
3: /ABSS/Data/CRF/ptodata/1/iaa/7_COMB.pep:*
4: /ABSS/Data/CRF/ptodata/1/iaa/H_COMB.pep:*
5: /ABSS/Data/CRF/ptodata/1/iaa/PCTUS_COMB.pep:*
6: /ABSS/Data/CRF/ptodata/1/iaa/RE_COMB.pep:*
7: /ABSS/Data/CRF/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

%

| Result No. | Score | Query Match | Length | DB | ID | Description |
|------------|-------|-------------|--------|----|----------------------|-------------------|
| 1 | 34 | 77.3 | 389 | 3 | US-10-369-493-10502 | Sequence 10502, A |
| 2 | 33 | 75.0 | 110 | 3 | US-10-703-032-129843 | Sequence 129843, |
| 3 | 33 | 75.0 | 566 | 1 | US-08-666-367B-5 | Sequence 5, Appli |
| 4 | 33 | 75.0 | 566 | 2 | US-09-143-438-5 | Sequence 5, Appli |
| 5 | 32 | 72.7 | 292 | 3 | US-10-703-032-107936 | Sequence 107936, |
| 6 | 32 | 72.7 | 527 | 3 | US-10-369-493-7810 | Sequence 7810, Ap |
| 7 | 32 | 72.7 | 1414 | 3 | US-10-667-891-2 | Sequence 2, Appli |
| 8 | 31 | 70.5 | 77 | 3 | US-10-703-032-144572 | Sequence 144572, |
| 9 | 31 | 70.5 | 103 | 2 | US-09-248-796A-26386 | Sequence 26386, A |
| 10 | 31 | 70.5 | 212 | 3 | US-10-703-032-174397 | Sequence 174397, |
| 11 | 31 | 70.5 | 284 | 2 | US-09-252-991A-29913 | Sequence 29913, A |
| 12 | 31 | 70.5 | 483 | 2 | US-09-106-194-4 | Sequence 4, Appli |
| 13 | 31 | 70.5 | 519 | 2 | US-09-949-016-9399 | Sequence 9399, Ap |
| 14 | 31 | 70.5 | 525 | 2 | US-09-773-426A-1 | Sequence 1, Appli |
| 15 | 31 | 70.5 | 525 | 2 | US-10-314-881-1 | Sequence 1, Appli |
| 16 | 31 | 70.5 | 525 | 2 | US-09-495-823-1 | Sequence 1, Appli |
| 17 | 31 | 70.5 | 525 | 3 | US-10-426-776-10 | Sequence 10, Appl |
| 18 | 31 | 70.5 | 525 | 3 | US-10-123-292-56 | Sequence 56, Appl |
| 19 | 31 | 70.5 | 525 | 3 | US-10-152-398-56 | Sequence 56, Appl |
| 20 | 31 | 70.5 | 525 | 3 | US-10-123-907-56 | Sequence 56, Appl |
| 21 | 31 | 70.5 | 525 | 3 | US-10-147-512-56 | Sequence 56, Appl |
| 22 | 31 | 70.5 | 525 | 3 | US-10-147-485-56 | Sequence 56, Appl |
| 23 | 31 | 70.5 | 525 | 3 | US-10-124-814-56 | Sequence 56, Appl |
| 24 | 31 | 70.5 | 525 | 3 | US-10-124-822-56 | Sequence 56, Appl |
| 25 | 31 | 70.5 | 525 | 3 | US-10-131-833A-56 | Sequence 56, Appl |
| 26 | 31 | 70.5 | 525 | 3 | US-10-142-419-56 | Sequence 56, Appl |
| 27 | 31 | 70.5 | 525 | 3 | US-10-152-375-56 | Sequence 56, Appl |
| 28 | 31 | 70.5 | 525 | 3 | US-10-131-818A-56 | Sequence 56, Appl |
| 29 | 31 | 70.5 | 525 | 3 | US-10-145-873-56 | Sequence 56, Appl |
| 30 | 31 | 70.5 | 525 | 3 | US-10-152-395-56 | Sequence 56, Appl |
| 31 | 31 | 70.5 | 525 | 3 | US-10-131-822A-56 | Sequence 56, Appl |
| 32 | 31 | 70.5 | 525 | 3 | US-10-142-763-56 | Sequence 56, Appl |
| 33 | 31 | 70.5 | 525 | 3 | US-10-128-694A-56 | Sequence 56, Appl |
| 34 | 31 | 70.5 | 525 | 3 | US-10-123-213-56 | Sequence 56, Appl |
| 35 | 31 | 70.5 | 525 | 3 | US-10-123-909-56 | Sequence 56, Appl |
| 36 | 31 | 70.5 | 525 | 3 | US-10-131-826A-56 | Sequence 56, Appl |
| 37 | 31 | 70.5 | 525 | 3 | US-10-147-513-56 | Sequence 56, Appl |
| 38 | 31 | 70.5 | 525 | 3 | US-10-121-043-56 | Sequence 56, Appl |
| 39 | 31 | 70.5 | 525 | 3 | US-10-139-980-56 | Sequence 56, Appl |
| 40 | 31 | 70.5 | 525 | 3 | US-10-131-819A-56 | Sequence 56, Appl |
| 41 | 31 | 70.5 | 525 | 3 | US-10-123-212-56 | Sequence 56, Appl |
| 42 | 31 | 70.5 | 525 | 3 | US-10-131-813A-56 | Sequence 56, Appl |
| 43 | 31 | 70.5 | 525 | 3 | US-10-140-021-56 | Sequence 56, Appl |
| 44 | 31 | 70.5 | 525 | 3 | US-10-137-869A-56 | Sequence 56, Appl |
| 45 | 31 | 70.5 | 525 | 3 | US-10-140-923-56 | Sequence 56, Appl |

ALIGNMENTS

RESULT 1

US-10-369-493-10502

; Sequence 10502, Application US/10369493

```
; Patent No. 7314974
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 10502
; LENGTH: 389
; TYPE: PRT
; ORGANISM: Sphingomonas aromaticivorans
US-10-369-493-10502
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Query Match          77.3%; Score 34; DB 3; Length 389;
Best Local Similarity 66.7%; Pred. No. 93;
Matches      6; Conservative      2; Mismatches      1; Indels      0; Gaps      0;
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```
Qy      1 KIYVSLAHV 9
        ||: |||:
Db      159 KIWTS LAHI 167
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```
RESULT 2
US-10-703-032-129843
; Sequence 129843, Application US/10703032
; Patent No. 7214786
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Andersen, Scott E.
; APPLICANT: Byrum, Joseph R.
; APPLICANT: Conner, Timothy W.
; APPLICANT: Cao, Yongwei
; APPLICANT: Masucci, James D.
; APPLICANT: Zhou, Yihua
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53374)B
; CURRENT APPLICATION NUMBER: US/10/703,032
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 10/020,338
; PRIOR FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 129843
; LENGTH: 110
; TYPE: PRT
; ORGANISM: Triticum aestivum
; FEATURE:
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; NAME/KEY: unsure
; LOCATION: (1)..(110)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_TA_24261.pep
US-10-703-032-129843

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Query Match          75.0%; Score 33; DB 3; Length 110;
Best Local Similarity 66.7%; Pred. No. 38;
Matches      6; Conservative      1; Mismatches      2; Indels      0; Gaps      0;

```

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Qy      1 KIVVSLAHV 9
        | |:| |||
Db      6 KXYISAAHV 14

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RESULT 3

```

US-08-666-367B-5
; Sequence 5, Application US/08666367B
; Patent No. 5854042
; GENERAL INFORMATION:
;   APPLICANT: Shuichi TSUJI et al.
;   TITLE OF INVENTION: NOVEL SUGAR-CHAIN SYNTHETASE AND PROCESS FOR
;   TITLE OF INVENTION: PRODUCING THE SAME
;   NUMBER OF SEQUENCES: 8
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: Wenderoth, Lind & Ponack
;     STREET: 805 Fifteenth Street, N.W., #700
;     CITY: Washington
;     STATE: D.C.
;     COUNTRY: U.S.A.
;     ZIP: 20005
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
;     COMPUTER: IBM Compatible
;     OPERATING SYSTEM: MS-DOS
;     SOFTWARE: Wordperfect 5.1
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/666,367B
;     FILING DATE: August 19, 1996
;     CLASSIFICATION: 435
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER:
;     FILING DATE:
;   ATTORNEY/AGENT INFORMATION:
;     NAME: Warren M. Cheek, Jr.
;     REGISTRATION NUMBER: 33,367
;     REFERENCE/DOCKET NUMBER:
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: 202-371-8850
;     TELEFAX:
;     TELEX:
;   INFORMATION FOR SEQ ID NO: 5:
;     SEQUENCE CHARACTERISTICS:
;     LENGTH: 566 amino acids
;     TYPE: amino acid

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```
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-666-367B-5
```

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Query Match          75.0%; Score 33; DB 1; Length 566;
Best Local Similarity 66.7%; Pred. No. 2.3e+02;
Matches      6; Conservative      2; Mismatches      1; Indels      0; Gaps      0;
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Qy      1 KIYVSLAHV 9
        ||| |:||:
Db      46 KIYQSIAMH 54
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RESULT 4

US-09-143-438-5

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; Sequence 5, Application US/09143438
; Patent No. 6218161
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; GENERAL INFORMATION:

```
; APPLICANT: Shuichi TSUJI et al.
; TITLE OF INVENTION: NOVEL SUGAR-CHAIN SYNTHETASE AND PROCESS FOR
; TITLE OF INVENTION: PRODUCING THE SAME
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack, L.L.P.
; STREET: 2033 K Street, N.W., #800
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20006
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; COMPUTER READABLE FORM:

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; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
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; CURRENT APPLICATION DATA:

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; APPLICATION NUMBER: US/09/143,438
; FILING DATE: August 28, 1998
; CLASSIFICATION:
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; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: 08/666,367
; FILING DATE: August 19, 1996
```

; ATTORNEY/AGENT INFORMATION:

```
; NAME: Warren M. Cheek, Jr.
; REGISTRATION NUMBER: 33,367
; REFERENCE/DOCKET NUMBER:
```

; TELECOMMUNICATION INFORMATION:

```
; TELEPHONE: 202-721-8200
; TELEFAX: 202-721-8250
; TELEX:
```

; INFORMATION FOR SEQ ID NO: 5:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 566 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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US-09-143-438-5

Query Match 75.0%; Score 33; DB 2; Length 566;
 Best Local Similarity 66.7%; Pred. No. 2.3e+02;
 Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 KIYVSLAHV 9
 ||| |:::
 Db 46 KIYQSI AHM 54

RESULT 5

US-10-703-032-107936

; Sequence 107936, Application US/10703032
 ; Patent No. 7214786
 ; GENERAL INFORMATION:
 ; APPLICANT: Kovalic, David K.
 ; APPLICANT: Andersen, Scott E.
 ; APPLICANT: Byrum, Joseph R.
 ; APPLICANT: Conner, Timothy W.
 ; APPLICANT: Cao, Yongwei
 ; APPLICANT: Masucci, James D.
 ; APPLICANT: Zhou, Yihua
 ; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
 ; TITLE OF INVENTION: Plants
 ; FILE REFERENCE: 38-21(53374)B
 ; CURRENT APPLICATION NUMBER: US/10/703,032
 ; CURRENT FILING DATE: 2003-11-06
 ; PRIOR APPLICATION NUMBER: 10/020,338
 ; PRIOR FILING DATE: 2001-12-12
 ; NUMBER OF SEQ ID NOS: 211164
 ; SEQ ID NO 107936
 ; LENGTH: 292
 ; TYPE: PRT
 ; ORGANISM: Triticum aestivum
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: PAT_TA_2354.pep
 US-10-703-032-107936

Query Match 72.7%; Score 32; DB 3; Length 292;
 Best Local Similarity 75.0%; Pred. No. 1.8e+02;
 Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 KIYVSLAH 8
 | ||::||
 Db 246 KAYVTLAH 253

RESULT 6

US-10-369-493-7810

; Sequence 7810, Application US/10369493
 ; Patent No. 7314974
 ; GENERAL INFORMATION:
 ; APPLICANT: Cao, Yongwei
 ; APPLICANT: Hinkle, Gregory J.
 ; APPLICANT: Slater, Steven C.

```

; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US 60/360,039
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 7810
; LENGTH: 527
; TYPE: PRT
; ORGANISM: Rhodobacter sphaeroides
US-10-369-493-7810

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Query Match          72.7%; Score 32; DB 3; Length 527;
Best Local Similarity 50.0%; Pred. No. 3.4e+02;
Matches      4; Conservative      4; Mismatches      0; Indels      0; Gaps      0;

```

```

Qy      2 IYVSLAHV 9
        :|:|:|:|
Db      304 VYISMAHL 311

```

RESULT 7

US-10-667-891-2

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; Sequence 2, Application US/10667891
; Patent No. 7067259
; GENERAL INFORMATION:
; APPLICANT: ROTH, CHARLES W.
; APPLICANT: BREY, PAUL T.
; APPLICANT: HOLM, INGE
; APPLICANT: GRAILLES, MARINE
; APPLICANT: RZHETSKY, ANDREY
; TITLE OF INVENTION: MULTIDRUG RESISTANCE PROTEINS IN DROSOPHILA AND
; TITLE OF INVENTION: ANOPHELES
; FILE REFERENCE: 03495.0294-00000
; CURRENT APPLICATION NUMBER: US/10/667,891
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: 60/413,469
; PRIOR FILING DATE: 2002-09-26
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 2
; LENGTH: 1414
; TYPE: PRT
; ORGANISM: Anopheles gambiae
US-10-667-891-2

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Query Match          72.7%; Score 32; DB 3; Length 1414;
Best Local Similarity 71.4%; Pred. No. 1e+03;
Matches      5; Conservative      2; Mismatches      0; Indels      0; Gaps      0;

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```

Qy      3 YVSLAHV 9

```

|:|:|

Db 1248 YISIAHV 1254

RESULT 8

US-10-703-032-144572

; Sequence 144572, Application US/10703032

; Patent No. 7214786

; GENERAL INFORMATION:

; APPLICANT: Kovalic, David K.

; APPLICANT: Andersen, Scott E.

; APPLICANT: Byrum, Joseph R.

; APPLICANT: Conner, Timothy W.

; APPLICANT: Cao, Yongwei

; APPLICANT: Masucci, James D.

; APPLICANT: Zhou, Yihua

; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With

; TITLE OF INVENTION: Plants

; FILE REFERENCE: 38-21(53374)B

; CURRENT APPLICATION NUMBER: US/10/703,032

; CURRENT FILING DATE: 2003-11-06

; PRIOR APPLICATION NUMBER: 10/020,338

; PRIOR FILING DATE: 2001-12-12

; NUMBER OF SEQ ID NOS: 211164

; SEQ ID NO 144572

; LENGTH: 77

; TYPE: PRT

; ORGANISM: Triticum aestivum

; FEATURE:

; OTHER INFORMATION: Clone ID: PAT_TA_38990.pep

US-10-703-032-144572

Query Match 70.5%; Score 31; DB 3; Length 77;

Best Local Similarity 75.0%; Pred. No. 68;

Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 2 IYVSLAHV 9

|||| ||:

Db 15 IYVSHAHV 22

RESULT 9

US-09-248-796A-26386

; Sequence 26386, Application US/09248796A

; Patent No. 6747137

; GENERAL INFORMATION:

; APPLICANT: Keith Weinstock et al

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANS

; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

; FILE REFERENCE: 107196.132

; CURRENT APPLICATION NUMBER: US/09/248,796A

; CURRENT FILING DATE: 1999-02-12

; PRIOR APPLICATION NUMBER: US 60/074,725

; PRIOR FILING DATE: 1998-02-13

; PRIOR APPLICATION NUMBER: US 60/096,409

; PRIOR FILING DATE: 1998-08-13

; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 26386
; LENGTH: 103
; TYPE: PRT
; ORGANISM: Candida albicans
US-09-248-796A-26386

Query Match 70.5%; Score 31; DB 2; Length 103;
Best Local Similarity 55.6%; Pred. No. 94;
Matches 5; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1 KIYVSLAHV 9
|||:| |:
Db 48 KIYISSIHI 56

RESULT 10

US-10-703-032-174397
; Sequence 174397, Application US/10703032
; Patent No. 7214786
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Andersen, Scott E.
; APPLICANT: Byrum, Joseph R.
; APPLICANT: Conner, Timothy W.
; APPLICANT: Cao, Yongwei
; APPLICANT: Masucci, James D.
; APPLICANT: Zhou, Yihua
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53374)B
; CURRENT APPLICATION NUMBER: US/10/703,032
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 10/020,338
; PRIOR FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 174397
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Triticum aestivum
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_TA_68815.pep
US-10-703-032-174397

Query Match 70.5%; Score 31; DB 3; Length 212;
Best Local Similarity 66.7%; Pred. No. 2.1e+02;
Matches 6; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1 KIYVSLAHV 9
|| ||| |:
Db 69 KILVSLGHI 77

RESULT 11

US-09-252-991A-29913

```
; Sequence 29913, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 29913
; LENGTH: 284
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-29913
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Query Match          70.5%; Score 31; DB 2; Length 284;
Best Local Similarity 66.7%; Pred. No. 2.8e+02;
Matches      6; Conservative      2; Mismatches      1; Indels      0; Gaps      0;
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Qy      1 KIYVSLAHV 9
        :|||: |||
Db      236 RIYVNEAHV 244
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RESULT 12

US-09-106-194-4

```
; Sequence 4, Application US/09106194
; Patent No. 6262234
; GENERAL INFORMATION:
; APPLICANT: Holloway, James
; APPLICANT: Jelinek, Laura
; APPLICANT: Durnam, Diane
; APPLICANT: Blumberg, Hal
; TITLE OF INVENTION: NOVEL NUCLEAR RECEPTOR POLYPEPTIDE
; TITLE OF INVENTION: ZPPAR4
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,194
; FILING DATE:
```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Leith, Debra K
; REGISTRATION NUMBER: 32,619
; REFERENCE/DOCKET NUMBER: 96-11
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6674
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 483 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-09-106-194-4

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Query Match 70.5%; Score 31; DB 2; Length 483;
 Best Local Similarity 66.7%; Pred. No. 5e+02;
 Matches 6; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

```

Qy      1 KIYVSLAHV 9
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Db      411 KIYFALQHV 419

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RESULT 13

```

US-09-949-016-9399
; Sequence 9399, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 9399
; LENGTH: 519
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-9399

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Query Match 70.5%; Score 31; DB 2; Length 519;
 Best Local Similarity 66.7%; Pred. No. 5.5e+02;
 Matches 6; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1 KIYVSLAHV 9
 ||| :| ||
 Db 447 KIYFALQHV 455

RESULT 14

US-09-773-426A-1

; Sequence 1, Application US/09773426A
 ; Patent No. 6534302
 ; GENERAL INFORMATION:
 ; APPLICANT: Glucksman, Maria Alexandra
 ; APPLICANT: Williamson, Mark
 ; APPLICANT: Tsia, Fong-Ying
 ; APPLICANT: Rudolph-Owen, Laura A.
 ; TITLE OF INVENTION: 22438, 23553, 25278, and 26212 No. 6534302e1
 ; TITLE OF INVENTION: Human Sulfatases (A CIP Application)
 ; FILE REFERENCE: 35800/208398(5800-79
 ; CURRENT APPLICATION NUMBER: US/09/773,426A
 ; CURRENT FILING DATE: 2001-01-31
 ; PRIOR APPLICATION NUMBER: US 09/495,823
 ; PRIOR FILING DATE: 2000-01-31
 ; NUMBER OF SEQ ID NOS: 14
 ; SOFTWARE: FastSEQ for Windows Version 4.0
 ; SEQ ID NO 1
 ; LENGTH: 525
 ; TYPE: PRT
 ; ORGANISM: homo sapiens
 US-09-773-426A-1

Query Match 70.5%; Score 31; DB 2; Length 525;
 Best Local Similarity 62.5%; Pred. No. 5.5e+02;
 Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 2 IYVSLAHV 9
 :||:|:
 Db 243 LYVALAHM 250

RESULT 15

US-10-314-881-1

; Sequence 1, Application US/10314881
 ; Patent No. 6767727
 ; GENERAL INFORMATION:
 ; APPLICANT: Glucksman, Maria Alexandra
 ; APPLICANT: Williamson, Mark
 ; APPLICANT: Tsia, Fong-Ying
 ; APPLICANT: Rudolph-Owen, Laura A.
 ; TITLE OF INVENTION: 22438, 23553, 25278, and 26212 No. 6767727e1
 ; TITLE OF INVENTION: Human Sulfatases (A CIP Application)
 ; FILE REFERENCE: 35800/208398(5800-79
 ; CURRENT APPLICATION NUMBER: US/10/314,881
 ; CURRENT FILING DATE: 2002-12-09

; PRIOR APPLICATION NUMBER: US/09/773,426
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: US 09/495,823
; PRIOR FILING DATE: 2000-01-31
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 525
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-314-881-1

Query Match 70.5%; Score 31; DB 2; Length 525;
Best Local Similarity 62.5%; Pred. No. 5.5e+02;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 2 IYVSLAHV 9
:|:|:|:
Db 243 LYVALAHM 250

Search completed: March 17, 2009, 05:04:35
Job time : 1.76252 secs

SCORE 1.0